

SPECIFICATION:

Insert, before the first line, the sentence: "This application is a divisional of U.S. Patent Application No. 08/973,380 filed March 16, 1998."

Insert before the first sentence of the DISCLOSURE OF THE INVENTION, the sentence: "The entire disclosure of U.S. Patent Application 08/973,380 filed March 16, 1998 is expressly incorporated by reference herein."

CLAIMS:

Please cancel claims 1-13, 15-49, 55-61 and 63-77.

Please amend claims 52, 53 and 54 as follows:

1 52. A laser device according to claim 50, wherein the laser light
2 source further comprises:

3 a fiber for conveying laser light from the semiconductor laser;

4 a solid state laser crystal for receiving laser light emitted from the
5 fiber so as to generate a fundamental wave; and

6 an optimal wavelength conversion element for generating a
7 harmonic wave from the fundamental wave.

1 53. A laser device according to claim 50, wherein the
2 semiconductor laser is a distributed feedback type semiconductor laser; and the
3 laser light source further comprises a semiconductor laser amplifier for
4 amplifying laser light from the distributed feedback type semiconductor laser.

1 54. A laser device according to claim 50, wherein the laser light
2 source further comprises:

3 an optical wavelength conversion element in which an optical
4 waveguide for guiding laser light from the semiconductor laser and periodic
5 domain inverted structures are formed, wherein

6 a width and a thickness of the optical waveguide are each 40 μm or
7 greater.

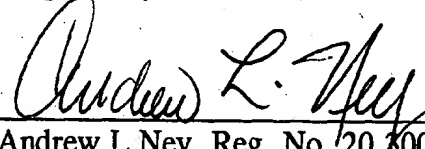
Please add the following new claims 78, 79 and 80:

1 78. (Newly Added) A laser device according to claim 51,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

1 79. (Newly Added) A laser device according to claim 52,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

1 80. (Newly Added) A laser device according to claim 54,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

Respectfully Submitted,


Andrew L Ney, Reg. No. 20,500
Attorney for Applicants

ALN:aw

Enclosures:

Version with markings to show changes made
Figures 1-6 marked with red corrections

Dated: August 6, 2001
P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Assistant Commissioner for Patents is
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Kathleen Libby

VERSION WITH MARKINGS TO SHOW CHANGES MADESPECIFICATION:

Specification at page 1, line 1:

-- This application is a divisional of U.S. Patent Application No. 08/973,380 filed March 16, 1998.--

Specification at page 7, line 12:

-- The entire disclosure of U.S. Patent Application No. 08/973,380 filed March 16, 1998 is expressly incorporated by reference herein.--

CLAIMS:

Please amend claims 52, 53 and 54 as follows:

1 52. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the laser light source further comprises:

3 a fiber for conveying laser light from the semiconductor laser;

4 a solid state laser crystal for receiving laser light emitted from the
5 fiber so as to generate a fundamental wave; and

6 an optimal wavelength conversion element for generating a
7 harmonic wave from the fundamental wave.

1 53. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the semiconductor laser is a distributed feedback type
3 semiconductor laser; and the laser light source further comprises a
4 semiconductor laser amplifier for amplifying laser light from the distributed
5 feedback type semiconductor laser.

1 54. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the laser light source further comprises: